

FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23686Application No.  
10/646,836INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Hiroshi NOMURAFiling Date  
August 25, 2003Group  
2851

MAY 10 2005

U.S. PATENT &amp; TRADEMARK OFFICE

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 8 4 1 3 2 3	06/20/89	MINORU et al.			
	2004 0 0 4 2 0 9 2	03/04/04	NOMURA			
	2004 0 1 4 1 7 3 5	07/22/04	NOMURA			
	2004 0 0 6 2 5 3 6	04/01/04	NOMURA			
	2004 0 0 4 2 7 7 6	03/04/04	NOMURA			
	6 1 8 5 3 7 5	02/06/01	KAZUO			
	5 7 1 5 4 8 2	02/03/98	WAKABAYASHI			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	2000 - 0 2 3 0 0 2	01/21/00	JAPAN			X	
	6 - 3 0 8 5 9 2	11/04/94	JAPAN			X	
	7 - 1 9 9 0 1 9	08/04/95	JAPAN			X	
	5 - 3 1 3 2 2 6	11/26/93	JAPAN			X	
	7 - 2 9 5 0 5 0	11/10/95	JAPAN			X	
	0 9 - 5 8 4 9	01/10/97	JAPAN			X	
	61 - 1 3 3 9 3 3	06/21/86	JAPAN				
	2003 - 1 1 4 4 7 3	04/18/03	JAPAN			X	
	2004 - 2 5 7 5 5 5	09/16/04	JAPAN				
	2 3 9 4 7 8 7	05/05/04	UNITED KINGDOM				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English language Abstract of JP6-308592.
	2	English Language Abstract of JP 61-133933.

EXAMINER

D. Gray

DATE CONSIDERED

06-06-2005

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.